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About: Results were produced by the GenCore software, version 4.5, Copyright (c) 1993-2000 Compugen Ltd.
OM of: US-09-525-998A-1 to: PIP_68.* qut_format : pfs
                              Date: Apr 23, 2002 10.17 PM
                                                                                                                                                                                                                                                                                                                                                      Database: PIR_68:*
Database sequences: 219241
Database length: 74174552
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                                                                                                         Command line parameters:
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Query: Length. 1368
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Scarch time (sec): 113,890000

EScore Len ! Decumentation	2.4e-158 455 ! tumor necrosis factor receptor		461 : tumor necrosis factor	454 ! tumor necrosis factor	De-12 435 tumor necrosis factor receptor	.60-08 427 'nerve growth factor reception pu		474 ! tamer megresis factor people	Ne-06 459 ! gene marine tumour nearsis fad	Research 1 1 Transfer recrusis factor receptor	.se 06 326 1 T2 protein - myxoma virus (stra	416 : 1	325 ! I2 protein · rabbit	! apoptosis mediating	-	nous sar apoptosis-mediating surface and	0003 305 ! B rell-associated surface moled	0001 819 ! hypothetical protein Deinocod	-	260 ! CD27 antigen p	.0014 277 ! H-cell activation protein CD40	34.9	X 77.	- 577	36.7	6.77	999 : hypothetical protein	314	660 ! BHIF1 prot	1964 ! poteh4 mouse	RRF 1 glycoprotein 350/2200 hu	234		10 grigt	.0071	'lo ! En,'Spm-like transposon p	0117 F07 (antifreeze glycopeptide AFGP pd	591 : acrogramin ğuineâ pig	! hypothetical frotein Rea	.0112 907 ! membrane antiqea ap350 haman	The change of th
Strd Orig ZScore	00 2974.	+ 1738 On 2077 64	4 1563,50 1868,69	00 1817	00 344	+ 240 50 285 10	. 223.00 264.18	00.		+ 204 00 240 Rt	+ 100.00 138.56	+ 197.50 233.80	. 192.09 229.00	. 191 FJ 228 36	5.	+ 177,000 210,82	50 210	· 175 50 202 37	4 188 50 195 42	4 167,00 200,69		+ 166 GB 197 54	00 14 4	_ So	3 1 1 1 1	00: 184	02	.50 187.	1 N	€0 173	H2 1100	981 05	.50 183.	+ 156 50 164 15	 155.00 169.04 	- i		50.5	152.50 175 RS	 152.50 174.27 	** ** ** ***
score_list: Sequence	pirl:GOHUTl	pir2-J@4302	piri:GoR:TI	Firl GOMST1	pir2:154182	piri: GoHPN	pirl.A26421	pir2,838634	pir2::48854	pirl-A35356	pirl:GQV2ML	pir1:JN0006	pir2:843692	pir2 At6484	pir2:JC2395	pir2:A4003h	pir2:A46476	pir2:F75518	pir2.043674	pir1:A46517	pir2-A60771	piri.072175	pirt:Ti8613		ріг2 А420н6	pir2.042125	pir2.71475+	pir2:137383	pirl.QQRE3	pir2:T09059	pir2:529605	pir2.A37232	pir2:848423	pirt:A43942	piti.Lull5	pir2:H84824	pir2-144768	pir2.148111	pir2:E70803	pir1:00BE21	

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tunor necross factor receptor 1 precursor [validated] - human
Walternate names of tunor unitable factor receptor 1 in the test type 1
Wordains; tunor necross factor alpha fabilite; tunor necross factor binding prot
C; Species: Homo sapiens (man)
C; Species: Homo sapiens (man)
C; Data and the test of the t
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A,Residues: 19455 <SCH>
A,Pressaneferi ---, SCH>
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B,Himbert A, Mauter Foly: 1. Krocuko, M., Schourel, I., Hischmaier, K., Lantz, M.
FNA P-41 Biol. 9, 765-715, 1990
A,Fille: McLevallr (Youing and expension of human and rat tumor necrosis factor rece
A,Reterence number. A36555; MUID:91090841
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A. Fig. 2. (X. 18-79, XX. 18-79, XX. 18-74, DATILY, ) residentially 102-102, 162, X1.16
A. Fishdows 15-78, 41 Fig. 17, X1. 18-79, XX. 18-79, Datily 102-102, Datily 
             1187 : Lascent polypeptide-associa
439 : Calificiase (ED 5.2.1.14) prec
75-- : produce etc Minasc interact
312 : hypothetical protein (sdsH 7
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A. Tille Mulevalar chaning and expression of a receptor for human tymor necrosis fact A. Reference number, A34900, MUID:90235285
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N. Wetscher, H., Pan, Pan, A. A., G. B., Faller, A.W.: Gentz, H.: Bruckhaus, M.: Tabuchi, H.: Less
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AsPeterence number: A24899; MUID:50235284
AsPecession: A34899
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A;Residues: 1-455 <LAPS
A;Cross-references: GB:M58286; GB:M33480; NID:4339753; FIDN:AAA36753.1; PID:4339754
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A.Cross-rolerences, GB.M63121, Nibra329755, Firm.AAA26754.1, FID.4239756
A.Acession, C36585
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3269 3278, 1990
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A, Rosidues: 1+455 <SCH>
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Cell 61, 351-359, 1990
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A,Residues: 1-455 kGRA>
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A,Residues, 1 455 kHPC
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             piri:130826
piri:551939
p::2.F86383
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Align seg 1/1 to: GQHUT1 from: 1 to. 455
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A;Peaidues, 41 43, X',45 23, X',55.57 .SEC:
Prodistangda, T.; Hwang, C.; Rohr, W.; Cappuccini, F.; Lucci III, J.A.; Jeffes, E.W.B.; Le
Prod. Nail Anad Sci. T. S. 87, 8781-8784, 1990
A;Title: Purification and characterization of an inhibitor (soluble tumor necrosis facto
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A;Molecule type: protein
A;Rx:45 53, VV,55.57, XK',60 \cdot CLS
A;Rxesiduca, 41 43, XX',45 53, VV',55.57, XK',60 \cdot CLS
A;Rxesiducated source: rendifailore patient urine
B;Engelmann, II., Novick, D., Wallach, D.
J. Biol. Chem. 265, 1531-1536, 1990
A;Tii.24 ;Two Lunar nectosis, factor binding proteins purified from human urine. Evidence
A;Reference number: A35010; MUID:90110215
A;Accession: A35010
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A.Map position: 12017 2.12513 2.
A.Map position: 12017 2.12513 2.
A.Map position: 13/3; 65/1: 108/1: 15g/1: 184/2: 209/1: 247/1; 256/3; 383/1
C.Superfamily, tumor nectors factor receptor type 1, NGF receptor repeat homology C.Keywords: duplication; glycoproton); receptor; transmembrane protein
F.1-21/Cromain. signal sequence #status predicted 3.57.
F.22-455/Froduct: tumor necrosis factor receptor 1 #status predicted AMT.
F.31-21/Cromain extraorlidal #status predicted EXT.
F.41-201/Croduct: TNP binding protein 1 (tumor necrosis factor alpha inhibitor) #status F.44-82/product: TNP binding protein 1 (tumor necrosis factor alpha inhibitor)
                                                                                                                                                                                                                         RiSeckinger, P.; Vey, E.; Turcatti, G.; Wingfield, P.; Dayer, J.M.
Eur. J. Immunol. 20, 1167-1174, 1990
Eur. J. Immunol. 20, 1167-1174, 1990
A.F. Je. Tumor rectusis lacter ishibility: Furification. NH-2 terminal amino acid sequence A; Perference number: A60231; MOID:3922116
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A;Pesidiqes: 41-60 -637A-
A:Experiential source: cancer patient serum
R:Olsson, I.; Lantz, M.; Nilsson, B.; Peetre, C.; Thysell, H.; Grubb, A.; Adoif, G.
Eur. J. Haematol. 42, 270-275, 1989
Eur. J. Haematol. 42, 270-275, 1989
A;Tille: Isolation and characterization of a tumor necrosis factor binding protein from
A;Telter isolation.
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A;Reatines 41 % *ERD:
A;Reatines 41 % *ERD:
A;Reatines 11 % *ERD:
B;Reatines 11 * Asada, A ; Kirihara, S.; Kato, K.
Biosci, Biotechiol. Biochem, S8, 2285-2288, 1994
A;Title: Anine acid sequence of natural tumor necrosis factor alpha inhibitor purified
A;Reference number: JC2404; MUID:95128033
A;Title: Cloning and partial characterization of the promoter for the human p55 tumor A;Reference number: JT0758; MUID:94085779
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F.235-455/Domain: intracellular #status predicted <!NT>
F.54,145,151/Binding site. carbohydrate (Asn) (covalent) #status predicted
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A;Residues: 41-53, X', 55-144, X',146-150, X',152-186, 'X',188-201 -KA;
A;Experimental source: urine
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A;Accession: A38258
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US-09-525-998A-1 x GQHUT1
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A; Residues: 1-13 <KEM>
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284 lyPheSerProValProSerSerThrPheThrSerSerThrIyrThr 300

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Azitie: Cloning of the cDNA enebding the porcine p55 tumor nectosis factor receptor.
Azkeference number: JC4302; MUID:96011645
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Fig. 29/Domain: Standal sequence fishables predicted selfs.

Fig. 461/Product I along the resist learner predicted post selfatus predicted sexts.

Fig. 44-194/Domain: extracellular cynteine rich fishars predicted sexts.

Fig. 44-126/Nomain: NGF receptor repeat homology sends:

Fig. 41-231/Promain: transmembrane sexts to monology sends:

Fig. 44-1700main: signal transmembrane fishables predicted sexts.

Fig. 44-1700main: signal transduction fishables predicted sexts.
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tumor necrosis factor receptor p55 precursor - p1q
C1Specios: Sws serior ademestica (domestic pig)
C1Specios: Svs serior ademestica (domestic pig)
C1Spate: 29-Nov-1995 #sequenco_revision 08-Pcb-1996 #text_change 23-Jul-1999
C1Accession: JC4302, Pc4033
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                                                                     301 ProGlyAspCysProAsnPheAlaAlaProArgArgGluValAlaProPr 317
                                                                                                                                                                   367 oProLeuArgTrpLysGluPheValArgArgLeuGlyLeuSerAspHisG 384
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901 POPORTIGACTE FORMANTH GROUP FOOPROGAGAGAGAGAGAGAGA
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A;Residues: 1-7 <SU2>
A;Experimental source: kidney cell line 15
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Gene 163, 263-266, 1995
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                                                                                        Quality: 1738.00
Ratio: 4.526
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US-09-525-998A-1 x J24302
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alignment_scores:
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751 TOOMING TOWNANDAGAGAAAAAGAAGTISANAAAAGINGIN INGO 798

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Align seg 1/1 to: GQRTT1 from: 1 to: 461
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Ratio: 4.203
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C:Comment: This protein is one of two known receptors for both TNF-alpha (eachectin) and
C:Superfamily: tumer necrosis factor receptor type 1; NNF receptor repeat homogony
C:Keywords: duplication; qlycoprotein: receptor: transmembrane protein
F:L-20/Domain: signal sequence #status predefor: transmembrane protein
F:L-20/Domain: signal sequence #status predeford serve.
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A;Reterence number: A46555; MUID:91090841
A;Accession: B36555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            A : Mauror-Fogy, 1 : Kroenke, M.; Scheurich, P.; Pfizenmaior, K.; Lantz, M.; iol. 9, 705-715, 1990
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A; Residues: 1-461 < HIM>
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P;30-201/Product: tumor necrosis factor binding protein #status predicted <IRP> <math>F,44-82/2\omega main: NGF receptor repeat homology <NGI> F;84-126/Domain: NGF receptor repeat homology <NG2>
                                                                                                                                                                                F.212-234/Domain. UtansMembrane #Status predicted <MEM>
F.235-461, Domain. intracellular #status predicted <INT>
F.54,151,201/Binding site: carbohydrate (Asn) (covalent) #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    51 GCTGFTGGTGGGAATATAPPQFTTPAGGGGTPAFFGGAPPGGTGFTTPAPC 100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Percent Similarity: 82.119 Percent Identity: 64.901
                                                                                                     P.127 147/Pomain NOF rooping repeat homology (N33) P.168-204/Pomain, NOF rooping repeat homology (N34)
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ArResidues: 1-454 - LING

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Cispecies: Mus musculus (house mouse)
Cipate: 38 'ur. 1992 #sequence_revision 30 Jun-1992 #text_charge 91 Dec 2009
Ciaccession: A 88634: H40254: S1627: S19021: 154532; 157826
Filowis, M.; Tartaglia, L.A.; Lee, A.; Bennett, G.L.; Rice, G.C.; Wong, G.H.W.: Chen, E. Proc. Natl. Acad. Sei. U.S.A. 88: 2834, 1931
A:Title: Cloning and expression of cDANs for two distinct murine tumor necrosis factor rA:Reference number: A38634; MGID:91187885
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                                                                                                                           234 ysArgiyrDrcOlnTrpArgivcArgValTyrSeriicilcCysArgAst
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A:Molecule type: mKNA
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PiPothol J.G.: Hordmann, H. Jontz, M.: Lessisser, W.: Steinmetz, M.
PiPothol, 30, 165-176, 1993
AJfiler Genomic organization and promoter fonction of the matine tunker mecrosis fact
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ArReference number: 14432; Muldo:94245292
ArRecession: 154532
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A.GYDSS-YEFCYGONGO: CREMZEFFF, MILLIZOZION, FILM.AAA15465.). FILMAZOZIOZ
G.Comment: This protein is one of two distantly related receptors for both INF-alpha
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R:Bebo, B.F.
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A;Accession: 157826
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A.Molecule Type: mPNA
A.Residues: 1-454 -BAK-
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A;Residues: 1-454 @RUL:
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A:Residues: 1-454 FEES.
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1 A I	8-5	.rc 1 ::	TA 2	형=일	#10 3 eu 1	TG 35 14 Cy 11	GC 4 :: nA 1	TC 45::	₹ ∢	TA 55 : 18	FT 54	70% 647 	AA 697 	GG 74 rg 25	CC 79 1 26	CC 8 :-	00 8 11 2 hr 2	رر 432
UIIII IIIIIIIIIII suleuSerleuValleuleu	SITALIGGACIGGICCCICA 	STGTGGGAAGGAAATATA STEELEELEELEELEE JCysProGlaGlyLysTyrV	CGAAGGGGACAAAGGAAGG HIIIIIIIIIIIIIIIIIIIIII httysCyshistysGlythr	PAGATACGGACTGCAGGGA ::: ArgAspfbrVaTCysArgGl	AAACGACCICAGACACTCCC : ::: iAsnTyrLeuArgGlnCysL	SICAGGIGGAGATGICTICT SELLITITITITITI SEGINVALGIUTICSEEPPO	rgcaggaagaaccagtaccg 	TTCAATTGCAGCGTCTGGC 	AGAAACAGACCTGTGC IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	AACGAGTGTGTCCTGTAG :::	VYTGTGOOTA OOOGAGA 	opaccagaction dimension 1933 - HELLITHELL Igrbitalaval beuteurto		SCTCTACTCCATTGTTTGTG ::::	TGAAGGAACTACTAGTAAG 	VGTCCCACTCCAGGCTTCAC 	"FCCACCTTCACCTCCAGCT 	**************************************
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_ <u>Σ</u>	1 GC + 7 al.0	P = A	C H	1 OF	1 GTC	AG sc1	1 CAC	1 A I'	A - A	1 CTC	AC -:: is(3 GAC	8 6 6 7	<u> </u>	AAA!	98 CCT	42 CCA HTI RO rot	92 ACC

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R.Baeins, M.; Chaffanet, M.; Cassiman, J.J.; Van den Berghe, H.; Marynen, P. Genomics 16, 214-218, 1993
Genomics 16, 214-218, 1993
A.Fitch Construction and evaluation of a brown library of human 12p transcribed seq A.Fitch Construction and evaluation of a brown 154182
A.Accession: 154182
A.Accession: 154182
A.Stellminary; translated from GB/EMBL/DDBJ
A.Molecule type: mRNA
A.Fesidues: 1-435 < RES>
A.Chestonees: 1-435 < RES>
A.Chestonees: GB-L04270, Nibrg3397bl; PiDN:AAA36757.1; PID:g3397b2
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C.Superiamily: tumor necrosis factor receptor type 1; NGF receptor repeat homology
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Gispecies. Homo sapiens (man)
Gibate. 24 May 1996 #sequence_revision 21 May 1996 #text_change 17 Mar 2000
Giscossion: IS4182
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                                                                                                                                 933 CAGAGAGAGACACACACATATA A CONTRACACACA A CAGAGAGA A CAGAGACA A CAGAGAGA A CAGAGA A CAGAGAGA A CAGAGAGA A CAGAGAGA A CAGAGAGA A CAGAGAGA A CAGAGA A CAGAGAGA A CAGAGA A C
297 ProlleSerProllePheGlyProSerAsnTrpHisPheMetProProVa 313
                                                                                                                                                                                                                                                            313 ISerGluValValProThr...GlnGlyAlaAspProLeuLeuTyrCluS 329
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Percent Similarity: 42.998 Percent Identity: 26.233
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A)Cross-references: GDB-1230195; OMIM-600979
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US-09-525-998A-1 x 154182
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æ 51	TIGGACTGGTC	105 38
39	GACAGGGAGAAGAGAGATAGTTTGTP CTOCCAAGGAAAATATATCCA :::::::::::::::::::::::::::::::::::	152
53	GCGCAAAAIAAIGGAITHATAAA 	202 68
89 503	TOTACAATOACTOTCCAUGGGGGGGAAGAACAGAACTGTAGGAGTGT :: ::	252
253 84	GAGAGGBCTCCTTCACCCTTCACAAAACCACCTCACACCTCACACT	302 100
303	CIGCTCCAAATGCGAAAGGAAATGGGTAGGTGAGGTGAGATGTCTTGTTGCAATGCAATGCAAATGCAAATGCAAATGCAAAAAAAA	352 117
953 L17	CACTUGANNUGGANANUGTGTGTGGNUGAGANUGAGTANUGGGAT 	402 133
103 134	TALIGGAGIGAAAACCTTTTCCAGIGCITCAATTGCAGCTC	444
145	.IGCICAAIGGGACCGGGCCTCTCTCCGAGGGGGGGGGGGG	487 164
188 154	ACACCGTGTGCACC1GCCATGCAGGTHCTTCTAAGAGAAAACGAG	53 4 178
535	TGTGTCTCCTGLAGTAAAAAGCCTGGAGTGCAGGAGTTGTG SerSerProSerAlaArqCysclnProHisThlArqCysGluAsnGlnGl	584 195
985	CCIACCCCASAIIGASAAIGIIAASGCA:IGAGGACICAGGCACACA. 6 	633 210
533		633
210	ystysAsnProteurl (ProfeqProProd)uMetSorolyThrMetLeu	500
534		674 240
575	ATCOTICITIOATGG111AA1G1AIGGCIACCAAAGIGGAAGICC.	723
7.24	SPECSOFFOR STREET GROWN CANADARY SPECSOFFOR STREET STREE	756 365
757	57 CCTGAAAAAGGGGGGGCTTGAAGGAACTACTACTAAGCCCCTGGCCCC 80 	806 271
307	AAACCCA AGCIICAALACAAICCAAGAGIICAACC 	841

842	Comparison
871	10CACCTTCACCCCACCTCCACCTALACCCCCCCAACTT 92v
921	TRANSCHOOK GEAMINANGETOSETNICA CITALCANGESCHISACE CCA 970 11 11 11 11 11 11 11 11 11 11 11 11 11
971	HORTIGOSAMAGCOTOMOGOCOMAGCOMALOGOCOMA
1001	1007
343	isGlyTbrAsn31y11eHisVal11brGlyGlySerMet1brTfe1br31y 359
1008	THEFT STANFORM
390	Asn Helyr HefyrAsnGlyProValLeuGlyGlyProProSlyPro
376	CONACON MERCINA AND TANANCE TAGAL AND TO THE TOTAL OF THE TOTAL AND THE
1072	ACGD161AQQQQQ1631GGASAACG1GCCCCCG11G Y971GGAAGGAATT
387	ProffediadlyAsp 393
1122	CGTwGGGCGCTAwwGCTwAcGACGAGGAATGGCTGGGGGGGGGCTSCTTTCTTTTTTTTTT
1172	
403	
1222 408	
1269	OGTGCCGGGAGAT 1283 FILE::TITITE:: ArqClyproArgAsn 429
sed_name	seg_name: pirl:GGHSN
seq_docu .ct.+ 14 N.Salter C.Saces C.Jaces C.Jaces R.Johnso R.Johnso R.Johnso R.Johnso A.Refere A.Refere A.Refere A.Refere A.Marano J. Neuro A.Flessida	seq_documentation_block: Nelternate names: NGF receptor C.Species: Hemo sepiens (man) R.Johnson, D.: Landman, A.: Buck, C.R.: Sehual, A.: Morgan, C.: Mercer, E.: Bothwell, C.S. Tille: Expression and structure of the human NAF receptor A.Tille: Expression and structure of the human NAF receptor A.Tille: Expression and structure of the human NAF receptor A.Melecule type: minA A.Residens: 1-42 - Joh A.Residens: 1-
A)Residu A)Experi	Azmostecute Types Forestein Azmostatioss: 29-31, (1,33 d2,711,45-46,11X7,50-51,7X7,54-56 kMAR× Azmostimental skupicki melanoma resilinte AM78

78 erAlaThrGluProCysLysProCycThrGluCys.....ValGly ArgTrp 798 CCTGGCCCTAAAATTAAAGC 953 ATCAGGGGGCTTAP 522 AAGARAA A;Note: this sequence has been corrected by a note added in proof to follow the nucleoting R;Vissava) hala. P.; Leszyk, J.D.; Lin Goerke, J.; Ross, A.H.
Arch. Hoodhow. Brophys. 291, 244-252, 1992
A;Iillo: Structural domains of the extracellular domain of human nerve growth factor rec A;Reference number: \$21689; MUID:921980;7
A;Reference number: \$21689; MUID:921980;7
A;Roleoule type: protein
A;Residues: Preliminary
A;Roleoule type: protein
A;Residues: Patil, N.; Chao, M.
Mol. Cell. Biol. B; 3160-3167; 1988
A;Iille: A constitutive promoter dipects expression of the nerve growth factor receptor A;Residues: preliminary: translared frage CB;EMH;/EGH
A;Rille: A constitutive promoter dipects expression of the nerve growth factor receptor A;Residues: 1-22 cRES
A;Cross-references: GB;MZ1621; NID:q189206; PIDN:AAA36363.1; PID:q189207
C;Comment: This receptor indergoes both N- and O-linked glycosylation. Cisupertamily: merve growth factor receptor. NCF receptor repeat hamology Ciscovards, dublication, glycoptotein, heterodimer, monomer, phosphoprofelin, receptor, File20 Alcomain: signal sequence #status predicted «sid» experimental AMAI. File477 Fredach: nesse anced. Litex receptor #sid to experimental AMAI. File47 Production = Arizo-Ender # #sids predicted = EXI. File57-10Alcomain: NGF receptor repeat homology <NGI> Fj273/Powain: trinsmembrane #status predicted <TPM>
Fj273-427/Domain: intracellular #status predicted <INT>
Fj60/Rinding site: carbobydrate (Asn) (ovodious) #status predicted 281 ACCACCTCAGACACTGCCTCAGCTGCTCCAAATGCCGAAAAGGAAATGGGT 330 184 IGCCACAAAAGCAACCIACTTGTACAATGACTGTCTACGCCCCACAAGAGAA 233 234 TAPGGACTGCACGCACTCT CACACCCSCTCCTTCACCGCTTCAGAAA 280 134 CCCAAGGAAAATATATCCACCCTCAAAATAATTGGATTTGGTGTACCAAG 183 34 CCACTGGTGCTCCTGGAGCTGTTGGTGGAATATACCTCCTCAGGGTTAT 83 .. SerSlyGluCysCysLysAla 46 47 CysAsnLeuGlyGluGlyValAluGlnProCys...GlyAlaAsnGln.. 61 13 ProArgLeuLeuLeuLeuLeuLeuGlyValSerLeuGlyGlyAla.. 62 ThrValCysCluProCysLeuAspSerValThrPheSerAspValValS 240.50 Length: 487 1.108 Gaps: 25 44 FF9 Dorono 'dontity: 23.819 Fil09-147/Domain: WCF receptor repeat Fomelogy (NGB) Fil49-189/Domain, NGF receptor repeat homology (NG4) A:Gene: GDB:NGFR A:Cross-references: GDB:120234; OMIM:162010 Align seq 1/1 to: GUNUN from: 1 to: 427 F:197-248/Region: serine/threonine-rich 33 roThrelyLeuTyrThrHis A:Map position: 17q21-17q22 US-09-525-998A-1 x GQHUN Quality: Ratio: Percent Similarity. alignment_scores: alignment_block C;Geneties:

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1084 ......GTGGTGGAGAACGTGCCCCCTTGCGC 1110
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                                                                                                                                                                                            122 ysdiuAlaCysArgValCysGluAlaGlySerGlyLeuValPheSerCys 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                    172 spThrGluArgelnLeuArgeluCysThrArgTrpAlaAspAlaGluCys 188
331 CAGGTGGAGATGTGTTGTT, TGCAGAGGGGGGGGGGGGGCGTGTGG 377
                                                                      32 LoughiSerMotSerAlahroCysValGluAlaAspAspAlaValCysAr 108
                                                                                                                                                     378 CIGCAGGAGAACCAGIACGGCAITAITGGAGIGAAAACTITICCAGI 427
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               139 GinAsplysCinAsnThrValCysGluGluCysFroAspGlyThrTyrSc 155
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#119nm@bt_block: Align seq 1/1 to: A26431		434 Alloched Ciclode Landressavesistencercrescrassa 480 [1111] [125] lanysSerVale, sshuval dlyssers, ytokvalehesser/ysstinasp. 141 [48] Aakrasakservale, sshuval dlyssers, ytokvalehesser/ysstinasp. 141 [48] Aakrasakservale, sshuval dlysers, ytokralehesser/ysstinasp. 141 [48] Little Hiller Hill [48] Aakrasakservale sshuval dlyser of the production of	604 GITAAGGGCCCAGGCACCACGCCCCCCCCCCCCCCCCCCC
1111 344 ArgCluGluValGluLysLeuLeuAsnGlySerAlaGlyAspIhrTrpAr 360 1116 GGAATTGGTGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	415 luScrieuCys 418 seq_name: pirl:A26431 seq_documentation_block: nerve growth factor receptor precursor, lew affinity - rat. N.Alternate names: NGF receptor C.Species. Rattus norvegicus (Norway rat) C.Species. Rattus norvegicus norvegicus (Norway rat) C.Species. Rattus norvegicus C.Species. Norveg	A.Motecule type, mRNA A.Residues: 1.425 cRAD> A.Filikmets, R.; Saatma, M.; Persson, H. Gene 12, 247 254, 1992 A.Filie: Regulatory elements and transcriptional regulation by testosterone and retinoic A.Filie: Regulatory elements and transcriptional regulation by testosterone and retinoic A.Reterene number: PH1229 A.Molecule type: DNA A.Residues: 1.20 cMRT> A.Residues: 1.20 cMRT> A.Cross-references: GB:x61269 C.Comment: This receptor is found on sensory and sympathetic neurous, un neurous accomment: This protein is thought to form a high-affinity receptor when it associates weightnes: 20.43 A.Infrons: 20.43	Cisuperfamily, nerv. growth factor receptor, NGF receptor repeat homology of Revolution and Sequence in the Community of Sympton o

851	GOTTCAGTCCGTGCCAGTTCCACTTCACCTCCAGCTCCACCTATACCT 111	900 245
901	CCCGGTCACTGTCGCAATTTGGGGGTCGGGGAAAAAAAAA	450 255
951	CTAL	954 272
955		966 288
967		1013 300
1014		1063 317
317		1074 333
1075 33 4	GlyAsnLeuTyrSerSerLeuProLeuThrLysArgGluGluLy	1103 350
1104	GTTG GOODGAATTGGTGGGGGGGGTTAGGGGGTGGTAGGGGTGAATTGGTGG	1141
1142 367	GORACCA GARGA TO BATTO TATA TANGGA OF TRACTORYSC (* 1997)	1191 381
1192		1241 142
1242 393		1291.
1292	Tobdom son total NATOGARDA ACOCETIESC 1826	
sed_name	seq_bame: pir2:B38634	
seq_docu tumor ne C; Specie C; Date: C; Access K; Lewis, Proc. Na A; Title: A; Refered A; Access A; Access	Seq_documentation_block: tumor necrosis factor receptor type 2 precursor - mouse C.Species: Mus musculus (house mouse) C.Species: Mus musculus (house mouse) C.Accession: B38644; A40254, A.; Bennett, G.L.; Rice, G.C.; Wong, G.H.W.; R.Lewis, M.: Tartaqlia, L.A.; Lee, A.; Bennett, G.L.; Rice, G.C.; Wong, G.H.W.; Proc. Matl. Acad. Sci. H.S.A. 88, 2840-2844, 1991 A.Title: Cloning and expression of cDNAs for two distinct murine tumor necrosis A.Reference number. A38634; MUDD:91187885 A.Recession: H3864 A.Recession: H3864 A.Recession: H3864 A.Recession: H3864 A.Recession: H3864	nije 23-Jul-1999 G.C.; Wonq, G.H.W.; Chen, E. urine tumol nectosis factor r
A;Cross R;Goodwin Mol. Col A;Title: A;Relere: A;Access	A.Cross references is Min4fo NIB aligher, PIDN AAN3972.1: PID:419828 R:Goodwin, R:G.; Anderson, D.; Jerzy, R.; Davis, T.; Brannan, C.L.; Copeland, N.G.; Mol. cell Biol. 11, 3020-3026, 1991 Mol. cell Biol. 11, 3020-3026, 1991 A.Melerence number: A40254; MUID:91246168 A.Mererence number: A40254	PIE:9199828 1, C.L.; Copeland, N.G.; Jenk Type 2 murine receptors for

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A cross references: GR:M60469, NID-gl90827, PIDN-AAA39752.1; PID:gl9928
E.Kissen-rghis, M. Fellowes, E., Feldenns, M., Chennajevsky, E.
submitted to the BMBL Data Library, May 1995
Albescriblion: Characterization of the promoter region of the murine p75 TMF receptor
A:Reterence number: $54816
                                                                                                                                                                                                                                                                                                                                                                         A,Residues: 1.22 -kKiS-
A,Cross-telerences. EMBL.X87128, NID.4809043. Fibn.cAm60618.1; PID:a809044
A,Cross-telerences. EMBL.X87128, NID.4809043. Fibn.cAm60618.1; PID:a809044
C;Supertamily: tumer necrosis factor traceptor type 2; NGF receptor repeat. homology
C;Reywords: cytrokine receptor; Transmembrane profesion
F:1 22/Domain: signal sequence #status predicted <SIG>
F:1 47/Junain: NGF receptor repeat homology <NG>
F:14-124/Jonnain: NGF receptor repeat. homology <NG>
F:14-124/Jonnain: NGF receptor repeat. homology <NG>
F:166-203/Domain: NGF receptor repeat. homology <NG>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           462 GUACCICTOOPGCAGGAAACAGAACACGIGIGIGI, JACCIGCCAFG 508
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    559 AAAA PIJIGGAGIGGAGAAGIIGIGGGGGTACCCIAGAITGAGAATGTTAA 608
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                609 GGGC.....ACTGAGGACTCAGGCACCACAGTGCTGTTGCCCCTGGTCA 652
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        180 PARGIGORANANAN TENTINTANAN TATANAN PALAMANAN MANAN MANAN 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            230 AGGATACGGACTGCAGGGAGTGTGAGAGCGGCTCCTTCACCGCTTCAGAA 279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         280 AAPTSPETPAGATOSTIGOTIGAGTGC...TCGAAATGGGGAAAAGAAAT 326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 89 AShChiPheArgThrCysLeuSerCysSerSerSerCysThrThrAsp., 104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             327 (393T) AGGENTAGENTATOTOTOTOTOTOTOGGGGGACACACACTICAGE 376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          415 AACCITILCCAGIGCIICAA11GCAGCCICIGCCICAAIGGG...ACCGI 461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               135 SerCysArgCinCysMetArgLeuSerLysCysClyProGlyPheClyVa 151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   151 iAlaSerSerArgAlaProAsnGlyAsnValLeuCysLysAlaCysAlaP 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                509 CAGGTTTCTTTCTAAGAAAACGAGTGTGTGTCTTGTAGTAACTGTAAG 558
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        168 roGlyThrPhe....SerAspThrThrSerSerThrAspValCysArg 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                56 alystysFroFroGlyGlnTyrValLysBisPhedys...AsnLysThrS 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                40 CysClnflcSerGinGluTyrAspArglysAlaCinMetCysCysAl 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     72 erAspThrValCysAlaAspCysGluAlaSerMetTyrThrGlnValTrp 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1.614 Gaps: 11
50.000 Percent Identity: 26.378
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A; Molecule type: mRNA
A; Pesidues: 1-474 <500>
                                                                                                                                                                                                                                                                                        A;Status: preliminary
A;Molecule type: DNA
A,Residues: 1 22 KK1S>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ratio:
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199 pAlaValCysAlaProGluSerProThrLeuSerAlaIleProArgThrL 216	:::
653 TILLETLIGGICTH GOCH FLIATOC LETTERLIGGETTAATGTAT 702	105 lac
210	415 AAC
ACCOUNT GOARD COLOR AND CO	126 Ser
39.	
753 GACACCTGAAAAAGAGGGGAGCTTGAAGGAACTACTAAGCCCCTCG 802 11111 219 FGTAPFOGTUPFOThrAtqSerGlaPFoLeuA 230	136 1A1 509 CA6 1
803 CCCCAAACCAAACTICAGITCAGGITCAGGCITCACCCCCAACTIGGGC 852 :::	153 roG 559 AAA
TTCAGTCCCGTG 864	168 Pro
::: ::: 247 Set literation 250	
seq_name: pir2:148854	184 pA1
<pre>seq_documentation_block: qene murine tumour necrosis factor receptor 2 protein · mouse (fragment)</pre>	392 201 euT
C.Species: Mus musculus (house mouse) C.Date, 02-101-1996 #sequence_revision 02-101-1996 #text_change 23 Ual-1999 Ornoversion: 149954	607 AAG
C.A.C. SSIUN: 140034 R.POWALL, E.E., Wicker, L.S.; Peterson, L.B.; Todd, J.A. Mann Cancon, 5 736,737 1604	218 Pro
namm. Serione 5/20/27/1734 ATTHIELS ALIELIC Variation of the type 2 tumor necrosis factor receptor gene. A:Reference number: 148854 MHD:45178848	654
A;Acression: 148854 A:Status: preliminary translated from CRYPMR;Zunwi	244 011
A.Molecule type: missacco from Orthway A.Molecule type: missacco from Orthway A.Residues: 1-459 <res></res>	131 939 ::
Apdross-references: EMBL:X76401; NID:9433830; PIDN:CAA53981.1; PID:9433831 C:Superfamily: tumor mecrosis famior recytiff type 2, NGF resitter telent hamaloux	251 leV
F;151-188/Domain: NGF receptor repeat homology <ngf></ngf>	706 TAC
aliqument scores:	266
Quality, 204.50 Length: 350 Ratio: 1,203 Gaps: 15 Percent Similarity: 48 F71 Popuncht (dont):ty: 23 734	756 ACC 11 276 855
alignment_block. US-09-525-998A-1 x 148854	805 CAA
Align seg 1/1 to. 148854 from. 1 to. 459	
130 TGTCCCCAAGGAAATATALCCACCTCAAAATAATTCGATTTGGTGTAC 179	856 AGF
25 CysGlnIleSerGlnGluTyrTyrAspArqLysAlaGlnMetCysCysAl 41	307 10E
180 CAAGIGCCACAAAGSAAGTTGTACAATGACTGTCCAGGCCCGGGGC 229	200 CGG
	947 CAC
230 AMGATACAGATGCAGGAGTGTGAGAGGGCTCCTICACGGTTCAGAA 279 ::IIIIII ::: :::	340 laG
280 AACCACACACACTGCTCAGCTGCTCCAAATGCCGAAAGAAAT 326 	Sed_bame: pr Sed_dorument tames nevices
327 GGGFGAGGFGTCTFGFFGAGGGAGAGGGGAGACGGFGFG 376	N; Alternate C; Species: H
-	C. Marchard C. Accession. R. Smith, C. A.
377 GCTGCAGGAAGAAGCAGTAC	Science 248,

11:A35356

tation_block:

Assistance receptor 2 preversed (calidated) - human

Hammes 75K tunner nerrosis lawrer zeropicz INF prespicz type 2

Homo sapiens (man)

Sep-1999 #sequence_revision 10-sep-1999 #text_charge 08-bec-2000

A \$55.50, AHTT, AASSI, ALNER, HATCH, 185.94

A Davis, T. Anderson, D.: Solam, L.: Beckmann, M.E.: Jetzy, R.: Dower, 1019-1023, 1990

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alignment_scores:
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A. Criss-references: CR. SC 3488 - N.D. 92376.48 - D.D.N. AAR19824 1, D.D. 92376.49
A. Note: Sequence extracted from NCB1 backbone (NCB1N:63368, NCB1P:63371)
R. Heller, R. A. Song, K. Glasch, M. A. F. Fracher, W. H.: Chang, D.: Pingold, G. M. Proc. Natl. Acad. Sci. U.S. A. 87, 6151-6155, 1990
A.TILLE: Complexementary DNA circuity of a reception for timer nervosis factor and demonstral A. Reference number: A36007, MUID:90349572
A:litle: A receptor for tumor necrosis factor defines an unusual family of cellglar and
A:Reterence number: A3836, MUID:902koβλψ
                                                                                                                                                                                                                                           A)Cross-references: CB:MN2315; NID:g189185; FIDN:AAA59229.1; FID:g189186
B)K.Jan.; I. Brownt, M.T. Baker, S.I. Schwartz, P.E., King, M.W., Haite, K.K., Squittes, Proc. Natl. Acad. Sci. U.S.A. 87, 8331-8335, 1990
A.Title. A second tumor necrosis factor receptor gene product can shed a naturally occur A;Reterence number: A36475; MUID:91045991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    A:Cross-relegences: GB:M55994; GB:M38549; NID:q339757; PIDN:AAA36755.1; PID:q339758
R:Dembic, Z.; Loetscher, H.; Gubler, H.; Pan, Y.C., Lahm, H.W.; Gentz, R.; Brockhaus, M.
Cytoking 2, 231-237, 1990
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A.Residues: 116-140, Pv.142-195, Rv.197-362, Tv.364-461 <HEL>
A.Crossidues: 116-140, Pv.142-195, Rv.197-362, Tv.364-461 <HEL>
A.Crossidues: 116-140, Pv.142-195, B.J. Indua, H.W.: Pnn, Y.C.E.; Lesslauer, W.: Brockhaus, M.
J. Biol. Chem. 265, 20131-20138, 1990
A.Title: Purification and partial amino acid sequence analysis of two distinct tumor ned
A.Reterence number: A.M.K. Millo-91056048
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Askolecule type: protein
Askesius and the protein actor-binding proteins purified from human urine. Evidence
Askecession: B45010
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Affitle: Two human TNF receptors have similar extracellular, but distinct intracellular,
A:Reference number: A48416; MUID:91370690
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A)Residues: 1-37 <RES>
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A;Gross-references: GDB:125914; OMIM:191191
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Gene 150, 381-386, 1994
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A;Pesidues: 1-195, 'R', 197-461 -KoH>
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A;Status: preliminary
A:Molecule type: mRNA; protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        A; Map position: 1p36.2-1p36.2
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A:Molecule type: protein
A:Residues: 27-31 <ENGS
                                                                                                                                                               A; Molecule type: mRNA
A; Residues: 1-461 <SMI>
                                                                                                                       A;Status: preliminary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A:Status: preliminary
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                                                                                    A;Accession: A35356
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F;171,193/Binding site: carbohydrate (Asn) (covalent) #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            224 CCCCCCACCATACCCACTCCACCGACTCTCACACCCCCTCCTTCACCCCT 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  321 GGAAATGGGTGAGGTGGAGATGTGTTGTTGGAGGGGAGAGAGAGAGAGGG 370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         371 TGTGTGGCTGCAGGAAGAACCAGTACGGGCALTALTGGAGTGAAAACCTT 420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       471 CIGCCAGGAGAAACAGAACACAGGIGTGCAGCIGCAGGIIICHIIC 520
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               124 AGTGTGTGTGCCCAAGGAAATAIATGCAACCTCAAAATAATTGG 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              174 CIGIACCAAGIGGAAAAAAAAAAAAIIAGIN.AAIGACIGFCCAGGC 223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   274 TUNIAAAAMUMATUMATAMATISHITHASHASIT TUTAAATSHCAAA 320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       117 leGysThrCysArqProGly...........rrpTyrCysAlaLeu 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            421 FICCAGIGC FICAALTGCAGCCTCTCTCTCAATGGGACCGTGCACCTCTC 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    139 .....ProLeuArgLysCysArgProGlyPheGlyV 149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AGAGAAAAAGAGTGTGTCTGTGTAGTAACTGT... 555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               149 alAlaArgFroslyThrsluThrSerAspValValCysEycFroCysAla 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              166 ProGlyThrPheSerAsnThrThrSerSerThrAspIlcCysArgProHi 182
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       182 sGlnIleCysAsnVal.....ValAlaI 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     691 GOTFTAATGIATCGCTACCAACGGTGGAAGTCCAAGCTCTACTCCATTGT 740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    741 TTGTGGGAAATGGACACTGAAAAAGAGGGGGGGGGTTTGAAGGAGGTACTA 790
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               791 CTAAGGGGGGGGGGAAAGGGTTCAGTGGGAGTGGAGGTTCAGG 840
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      641 IGCCCCIGGICALTITETTIGGICITTIGCCNITIATCCCTCCTCTTCANT 690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           192 ......GlyAsnAlaSerMetAspAlaVa 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        38 SerThrCysArgleuArgGluTyr...TyrAspGlnThrAlaGlnMetCy 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   53 stysSerLystysSerProdlyGlnHisAlaLycValPheCysThr...L 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ** ysThrSerAspThrValC;sAspSerCysGluAspSerThrTyrThrGln 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             86 LouTrpAsnTrpValProGluCysLouSerCysGlySerArgCysSerSe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         F)164-291/Nomain: NCF receptor repeat homology .NC4> F)262-279/Nomain: transmembrane #status predicted <1MN> F)280-461/Domain: intracellular #status predicted <1NT>
                                                                                                                                                                                                                                                              1.074 (Apr. 1.074 (Apr. 422) 45.024 Percent Identify: 24.645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Align seg 1/1 to: A35356 trom: 1 to: 461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  129 SerlysClnCluClyCysArgLcuCysAla...
                                                                                                                                                                                                                                                              Unarity: 204.00
Ratio: 1.074
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                                                                                                                                                                                                                                                                                                                                                                                                             alignment_block:
US-09-525-998A-1 x A35356
                                                                                                                                                                                                                                                                                                                                    Percent Similarity:
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	US-09-525-99RA-1 x 50VZML Aliqu seq 1/1 to: CQVZML from: 1 to: 826		90 GGTGCCCGACGTAGGGACAGGGAGATAGTGGGGGGGGGG		AAAGGAACCTACTGTACAATGACTGTCCAGGGCCGGGGCAGTATACGGA 	CLOCAGGAGISTAWAGCGGGGCTTAACGGTTCAGAAAANACLGA 11		GAGATOTOTTGCACASTGGACGGGACGCGTGGGTGGGTGGAGAAA 	OAACCAGTAT. 1111 aGlyAsoTyrcysLeuLeuLysGlyGlnGluGlyCysArqIleTysAlaP	rolysthatyscystroAlactytyrGtyValSerCtyHisthrArgthr	GLYASPVALL OLCYSTUTLYSCYSPTOATGLYT BY THE TELL STATE TO CLYASPVALL OLCYSTUTLYSCYSPTOATGLYT BY THE TYTEL ASPALAVA	420 TTTCAGLOCTICARIOGAGOCTCIGNATIANSICAROGGA 466 	467 ICTOPTGCCAGAGAAACACACAPGTGTGTGACTGTATOPAGGTTC 516 ::::: 175 bakana wijrerovatkankapibiseröysthithithithithis190	517 IIIOIAAGAGAAAOGAGIGIGICIGCIGIAGIAAGIAAGIAAAAAAAAGGGI 566 TELELE EETEE EETEE 1517 12 12 12 12 12 12 13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	567 GnadioracdaaGilolocciachhadaalGila 607 i.i.i.l. 204 dashilsthrasphichaphroValhhellsthrslityrtyrdlythrs 221 608 Accordioachicach 627 21 (11:::Ill ::Ill	. p.111.7ROGOS	<pre>seq_documentation_block: nerve growth factor reseptor, low affinity prevaisor - chacker. NATEGRATE names: NGF receptor C.Species: Gallus gallus (chicken) C.Species: Gallus gallus (chicken) C.pate 12 Sep. 1994</pre>
	841 CCCACCTGGGTTTCAGTGCCTGCCTCTCCACTTCACCTCCAG 887 ::: ::: ::: ::: ::: ::: ::: :::	888 CTCCACCIAIAGCGGGGGGGGGGGGGGGGGGGGGGGGGGG	914 CCAACTITGGGGTCCCCGGAGGTGGCACCAACACCCIAACAGGGGGT 963 	964 GACCCCATCCTIGCCACCCCTCGCCTCCCACCCCAACCCCCCT 1013 	1014 TCMGAACTGGGAGGACTACGCACACACACACAGGCTAGGCATGGATG 1062 1231	1063 A	1098 GCCCCGTTGCGCAGGAATTGCTGCGCGCCCTGAGGCTCAGCGACC 1147 :::11	1148 ACGAGAICGAIFGSGIGSAGFIGFAGAAFGSGIGFGIGGGIGGGGGGGGGG	1195 GCGCAATAGAGATAGAGAGATTGAGAGAGAGAGAGAGAGA	1245 garrarantgaaghtgatagagagagatagttgagatatgaacttor og 1294 ::: :: 356SerGlyAlaGlyGluAlaArgAlaSerThrGlySerSerAspSe 370	1295 GCTGCCTGGAGGACAT 1310 :	seq_name: pir1:GQVZML	seq_documentation_biock: 12 protein - myxoma virus (strain Lausanne) 5:Species: myxoma virus 5:Spate: 31 bec 1992 #sequence_revision 31-bec-1992 #text_change 18 Jun-1999	Rupton, C.: Macen, J.L.; Schreiber, M.; McLadden, G. Virology 184, 370-382, 1991 Adilitie Mysmar Virus Agresses a secreted protein with hemology to the tumon necrosis f A Reterence number: AADSAG, MILD-9133578	Afactossion: A4056 A.Molecule type: DNA A.Molecule type: DNA A.G. Salver fam. of a 172 A.M. 12 protein. NGF receptor report homology C.Super fam. of a sycoprotein.	Fil06-147/formain: NGF receptor repeat homology <ng3> Fi66.181,205,238/Binding site, carbobydrate (Aas) (Govalent) #status predict:3</ng3>	alignment_scores: Quality: 200.00 Quality: 200.00 Ratio: 1.695 Gaps: 10 Percent Similarity: 49.167 Fercent Identity: 25.833

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286 uClyClulySt.cuHisScrAspScrClyIleScrValAspScrClnScrL. 303
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                                                                                                        99 sArgCys......AlatyrClyTyrPheClnAspCluLcuScrClyS 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 519 TCTAAGAGAA......AACGAGTGTGTCTCCTGTAACTGTA 556
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           607 AAGGGAGTGAGGACTCAGGCACCACAGTGCTGTTGGGCCTGGTCATTTT 656
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   657 CETEGRACIETAGOCITITALCOCECCICLICALIGGILLAATGIALOGCI 706
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     186 ....ArgIrpIhrIhrHisIhrProSerLeu...AladlySerAspSer 199
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 253 alClyLowValAlaTyrIIcAlaPhoLysArgTrpAsnScrCystysCln 269
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270 AscLysGlnGlyAlaAsnAsnArgProValAs::GlnThrProSerPro31 286
    375 IGG/TG/AGGAAGAA/AAFCAGTACOGG/ATTATTG/AGTGAAAACOTTTTCC 424
                                                                                                                                                                                            425 AGTIGCTTCAATTGCAGCCTCTGCCTCAATGGG...ACGTGCACCTCTCC 471
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  130 CysArgAspSerClnAspThrValCysGluGluCysProGluGlyfhrPh 146
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               146 eSerAspGluAlaAsnPheValAspProCysLeuProCysThrIle@ysG 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   557 AGAAAACCIGGAGIGGAAGTEGEGTEGETAACCGAGATEGAGAATGIT 606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      707 ACCARCATOGAAGTOGAAGCTOTACTOGATTGTGGGAAATCGACA 756
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22@ IleValThrThrValMetGlySerSerGlnProValValSerArqGlyTh 236
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             472 TGCCAGGAGAACAGAACACACTGTGT ACTTGCCATGCAGGTTTCTT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             757 CCTCAAAAAGAGGGGGAGT BGAAGGAAGTACTACTAAGCCCCTGGGCCCC
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                                       Ritarge, T.H.: Weskamp, G.: Helder, J.C.: Badeke, M.J.: Misko, T.P.: Shooter, E.M.: Reid
Neuron 2, 1123-1134, 1989
                                                                                                   A;Title: Structure and developmental expression of the nerve growth factor receptor in A;Reference number: JN0006; MUID:90166579
A;Aecession: JN0006
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          181 AAGTGCCACAAAGGAACCTACTTGTACAATGACTGTGCAGGCCGGGGCA 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       131 GTCCCCAAGGAAAATATATCCACCCTCAAAATAATTCGATTTGCTGTACC 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            231 GGATACGGACTGCAGGGAGTGT...GAGAGCGGCTCCTTCACCGCTTCAG 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              278 AAAAGGAGGTGAGAGAGAGTGGTGGTGGTGGAAATGGGGAAAGGAAATG 327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  31 CTGCCACTGGTGCTCCTGCACCTCTTQCGAATATAGCCCTTCAGGGGT 80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 24 ysLeuThrLysMetTyr.....ThrThrSerGlyGluCysCysLys 37
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C:Accession: JN0006; A60504
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US-09-525-998A-1 x JN0006
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Quality:

aliqnment_scores:

Percent Similarity:

ProlleThrAr 205

...GACAGCG 1033

1118 AATTCGTGFGFGFFFTAGFGFTGAGFFAFAFAGAFFGFAFFGGGTGGAG 1167

333 nGluGluValGluLysLeuLeuSerSerSerAlaGluGluThrTrpArgG 350

TOCACACHGGACCGGGACACGGTGTG 374

328 GGTCAGGTGGAGATGTGTTGT

83 GlyLeuHisSerMetSerAlaProCysValGluSerAspAspAlaValCy 99

69 alSerAlaThrGluProCycLysProCysThrGlnCys.....Val 82

350 Integralactycluteucty???149StoAspteutteAsp 363	322 CAAATC
1168 CIGPAGAAPGGGGPGPTGGPGGAGGGGAAAA TAVAAAT 1708	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	972 GISPO
1209 GCTGGGGACGTGGACGGGAAAAAAAAAAAAAAAAAAAAA	100 1CYSASI
375 uLeuAlaAspTrpSerAlaLysGluThrAlaThrLeuAspA 389	422 ICCAGI
1259 TGCTGGARGCFGCFCCRCACCFGCGCFGCCFGCCGCGCAC	119A22 1000A6
402 HF43aGl0Scf.co 406	FLL ARGAUM
seq_name: pir2:B43692	1.45 186401
seq_documentation_block: T2 protein rabbit fibroma virus	572 GCACGA
C.Species: rabbit fibroma virus. Skope fibroma virus C.bate Ansapaga asequence_revision 30 Sep-1993 #text_change 07-May-1999 C.bate Bross	149
C.Accession: 843072 Virology, 16, 20:30-40, 1887	616 GAGGAC 111 152 GluArg
A,Tille: Tumorigenic poxviruses: genomic organization and DNA sequence of the telomeric A:Reference number: A43692, MUD:87321103	
AAAccession: M43692 AAStatus AAStatus root nam	158
A.Cossing 1995 UNA A.Cossing Company (S. M.7433	716 GGAAGT
C.Superfamily, myxcma virus T2 protein, NGF receptor repeat homology E.64-165/Dymain: NGF receptor repeat homology <ng2></ng2>	173 alGiyil
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25 CIGCIGCIACTACTACTACTACAACTIGIACAAATATACCCCTC 74	sed_name: p112:
Met.LeuArgLeuIleAlaLeuLeuValCysValValTyrGlyAs	seq_documentation apoptosis-media Grenorios: Mus.
75 AGGGGTTATTGGACTGGTCCTTCACCTAGGGGAGAGAGAG	Charter Terrina - Charter
17 pAspValProTyxSerSerAsnSluG17Lys 27	E, Watanabe Fiku
125 GTGTGTGTGCCCAAGGAAAATATATGCACCCTCAAAATAATTGGTTGC 174	Arritle The CD
28CysClyClyHisAspiyrCluiysAspClyLouCys 39	A.Accasion. At
175 TGTAPDANGTOCAVAAAGGAAPDIA-TIGIA-DALCA-DIGIGICAAGGA 224	A, Molecule type A, Wolecule type A, Wesidnes, 1, 4
40 CysAlaSerCysHistroGlyPheTyrAlaSerArgLe-Cys GlyPr 55	A, Cruss reteron A:Experimental
225 GGGCGAGCATACGAGCGACGAGCGCTCCTTCATT 274 [11] 1::::::::::::::::::::::::::::::::::	A. Note. segment. RyAdachi, M.: W
	Froc. mail Aca. A:Title: Aberra
275 CAGAAACCACCACACACACTGCCTCASCIGCFCCAAATGCGGAAAS 321 72 CTLTTTTTLTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	A:Reference numl A:Accession: A4 A:Status: preliu

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N. 1274-1279, 1992
N. A46444: Milliogidates on and the amosphin discidument of the mouse Fas
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source: HAMA macrophage cell line

contracted from N'B: Larkhage (N'BENEBEA4, N'BEPEBEA5)

Matander-Pobunaga, K.; Nagara, S.

MATANDER-Pobunaga, K.; Nagara, S.

MATANDER-Pobunaga, K.; Nagara, S.

MATANDER-Pobunaga, K.; Nagara, P.

MATANDER-Pobunaga, K.; Nagara, P.

MATANDER-POBUNAGA, MUDOSSIB-9776
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alimment course.	204
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28 (2007) 2007 2007	C, Date. El
7 ValLeuProLeuValLeuAlaGlySerGlnLeuArqValHisThrGlnGl 23	R;Kimura, Biochem
78 GGTTATTGACTGATCCCTTAGGGGACACAGAGAGAGAGAG	A, Title. A
23 ylbrasnScrildScrGusCriceLystcaArgArgArgValBisGluf 40	A, Access in
GAGATAGEGETGTGFCCCAAGAAAATATATCCACCCTCAAAATAAATTCG	A;MOIECUIC A;Residues A;Cross-re
40 hrAspLysAsnCysSerSludLyLeuTyrGlaSlySlyDro 53	A. Experime
169 ATTTOPTOPACAAAAGAAACTACTTGTACAATGACTGC 218 ::: :::	A; Prosiduce
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566 TGGANTGPANNAAGTTGTGDGTADGCANATIGNGAATGTTAAGGGGNCT 615	23 }
165 erProArgAsnArgLeuIrpLeu	116 /
616 GAGGACT CAGGACCAPAGT OPTO PODCOT GOT CATTITITION FOR 665	40
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K.; Wakatsuki, T.; Yamamoto, M.
Biophys. Res. Commun. 19R, 666-674. 1994
A variant mRNA species encoding a transled from of Fas antiqen in the rat 1
ce number: JC2395; MUID:94128114
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elerences: DDBJ:D26112; NID:q468486: FIDN:BAA05108.1, FID.d1005650; PID:q468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  eferences: DDBJ:D26113; NID:q468488; PIDN:BAA05109.1; PID:d1005651; PID:q468ental source: liver
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                                                                                                                                                            AAGAGGGGGGGTTGAAGGAACTACTACTAGCCCCCTGGCCCCAAACCC 812
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